

EVA pod

extravehicular
activity pod
display screens

compatible with ParaGrafix EVA Pod Photoetch Set (PGX220) and Button Label Decals (PGX224)

**PARA
GRAFIX**

PGX223

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INTRODUCTION

Thank you for purchasing ParaGrafix's display screenset for the EVA Pod kit from Moebius Models®. This set may be used with or without backlighting.

Materials

You will need a *sharp* pair of scissors or hobby knife with #11 blade.

Adhesive Options

If building the EVA pod stock (i.e. *not* using the ParaGrafix photoetch set), we suggest adhering the backlight films to the front of the clear parts using a high quality double-faced tape, such as 3M 665 double sided tape (1" wide).

If you are using the ParaGrafix photoetch set, we suggest using Micro Kristal Klear from Microscale Industries (www.microscale.com) or Testors Clear Parts Adhesive and Window Maker (www.testors.com) to attach the films to the backside of the etched parts. (The forward display screens do not have a corresponding photoetch part, so you will still want to use the double-faced tape for them.)

Installation Parts Order

The installation steps are not in any particular order. You can complete them as you see fit to complement your kit construction order.

Key

Kit part (plastic):

1

Photoetched part:

1

Backlight film:

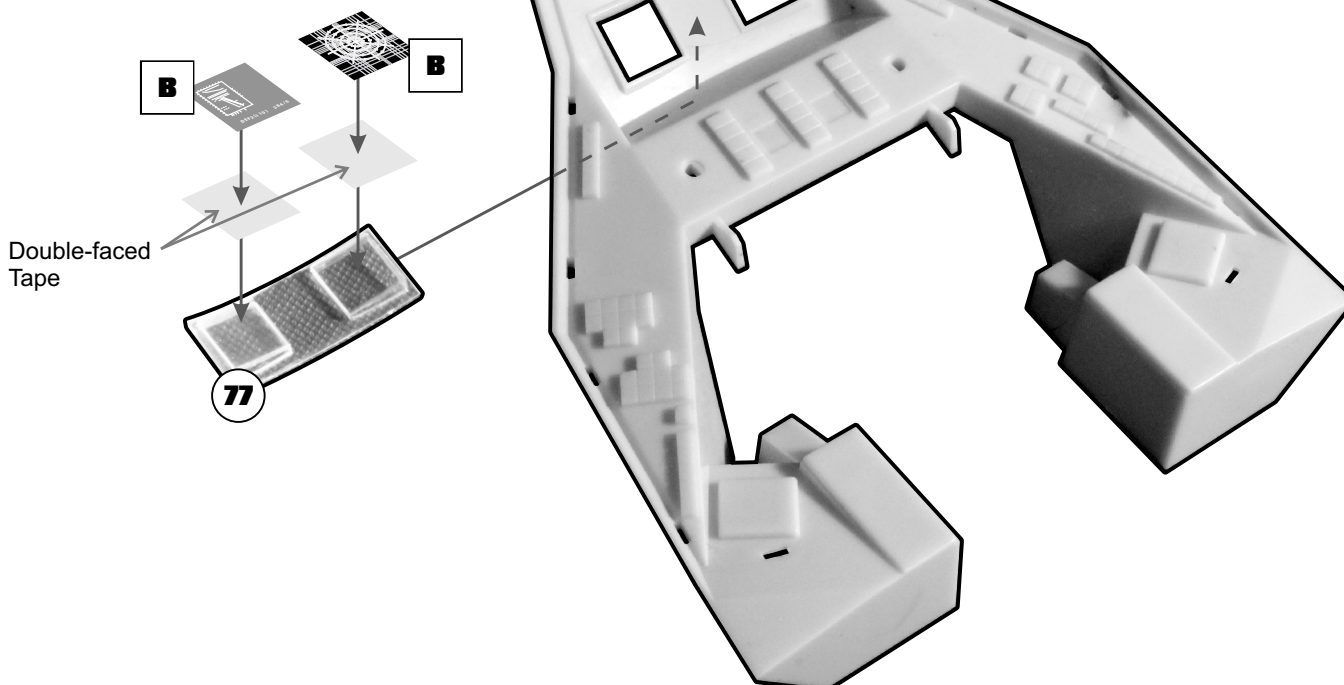
A

MAIN INTERIOR PANEL

There is no photoetch piece, so all installations are the same.

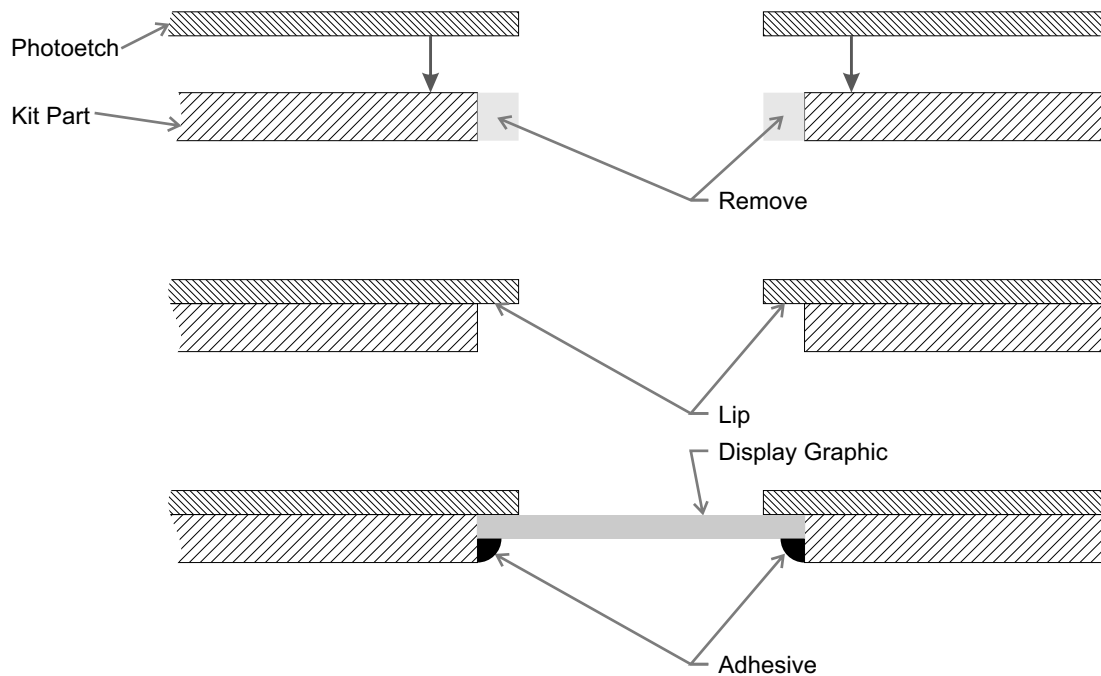
Cut out the desired display screens from section B. You will find it easier to cut them a bit large, then attach the adhesive. Now, trim them to the same size as the raised area of kit part 77, attach them to 77 and mount the assembly to kit part 6.

TIP: paint kit part 6 first to avoid masking.



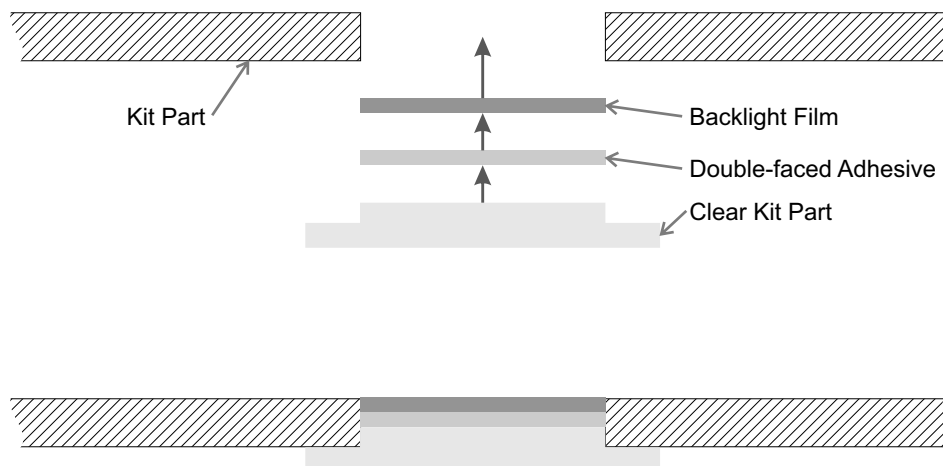
GENERAL ASSEMBLY WHEN USING PHOTOETCH

Make each of the four computer display openings on kit parts 10 and 14 about 1/16" (1.6mm) larger to create a lip. Trim the desired display screen (type B) so that it is larger than the opening in etch parts 1P and 1S and will fit within the newly opened holes in kit parts 10 and 14. Attach the photoetch parts per their instructions, then mount the film displays to the back of the photoetch and secure in place with a thin bead of Micro Krystal Klear or Testors Clear Parts Adhesive.



GENERAL ASSEMBLY WHEN NOT USING PHOTOETCH

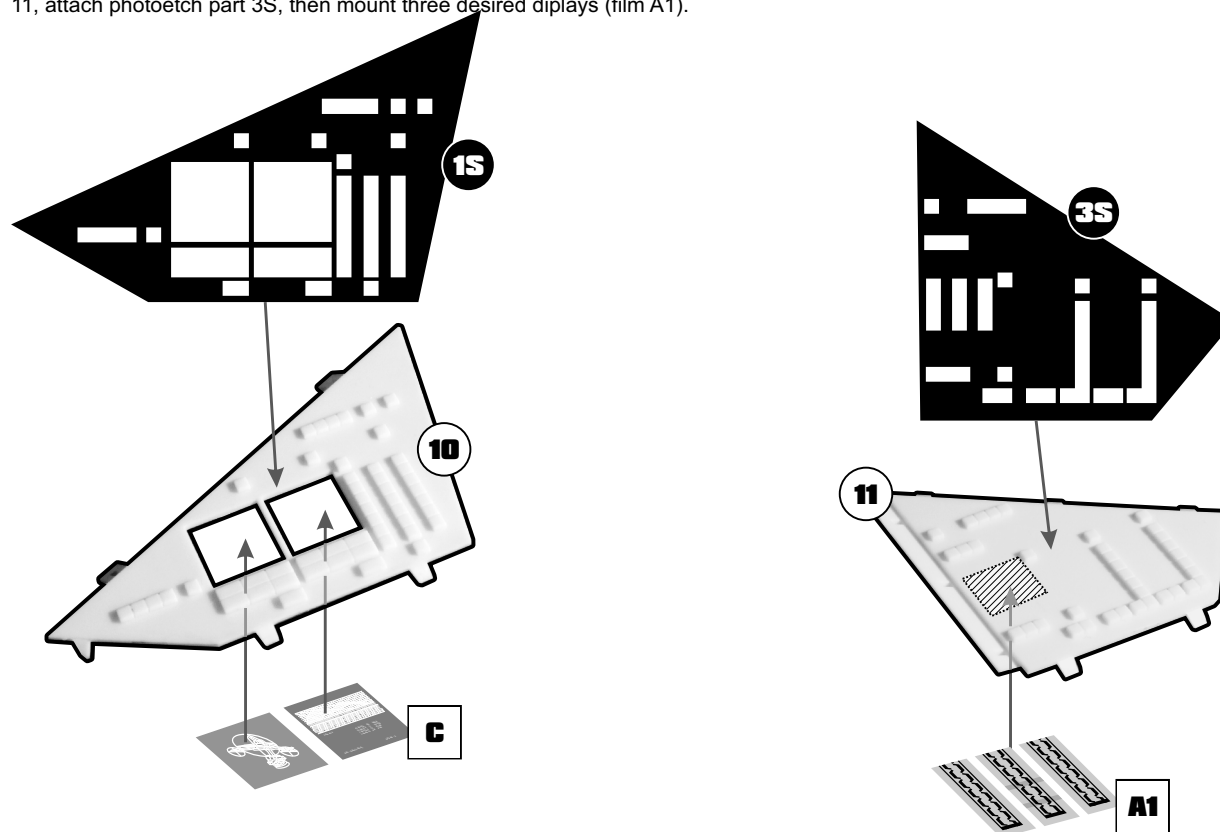
Mount the desired backlight film piece to double-faced adhesive. Trim to size and attach to the corresponding clear kit part. Mount the assembly per the kit's instructions.



STARBOARD (RIGHT-HAND) CONTROL PANELS

Option A, with photoetch

As outlined above, trim kit part 10, attach photoetch 1S, then mount the desired display (film C). Cut out the three scrolling scales on kit part 11, attach photoetch part 3S, then mount three desired diplays (film A1).

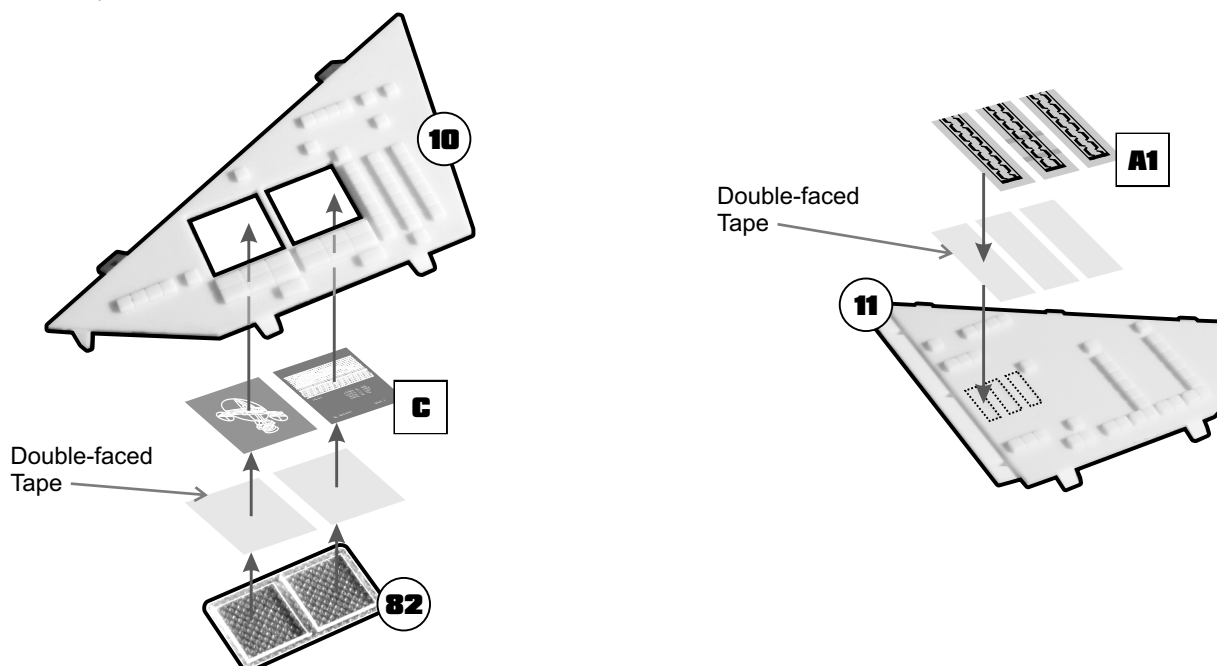


Option B, without photoetch

Cut out the desired display screens from section B. You will find it easier to cut them a bit large, then attach the adhesive. Now, trim them to the same size as the raised area of kit part 82, attach them to 82 and mount the assembly to kit part 6.

TIP: paint kit part 6 first to avoid masking.

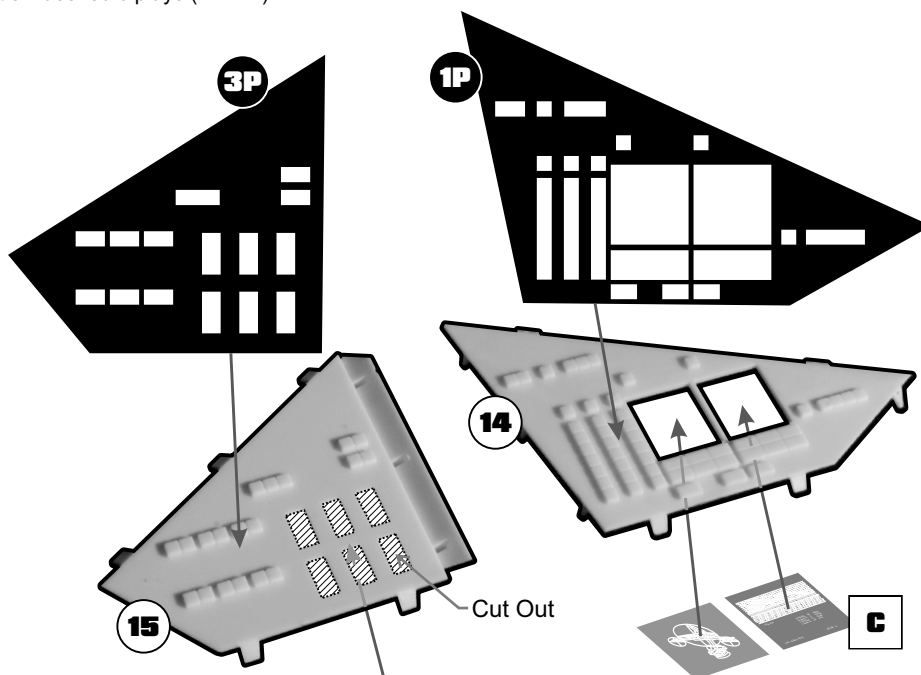
Mask the scrolling scale areas and paint kit part 11. Remove the masking, mount desired parts A1 to double-faced adhesive, trim to size, and attach in place of kit decals 13A, 13B, and 13C.



STARBOARD (RIGHT-HAND) CONTROL PANELS

Option A, with photoetch

As outlined above, trim kit part 14, attach photoetch 1P, then mount the desired display (film C). Cut out the six scrolling scales on kit part 11, attach photoetch part 3P, then mount six desired displays (film A2).

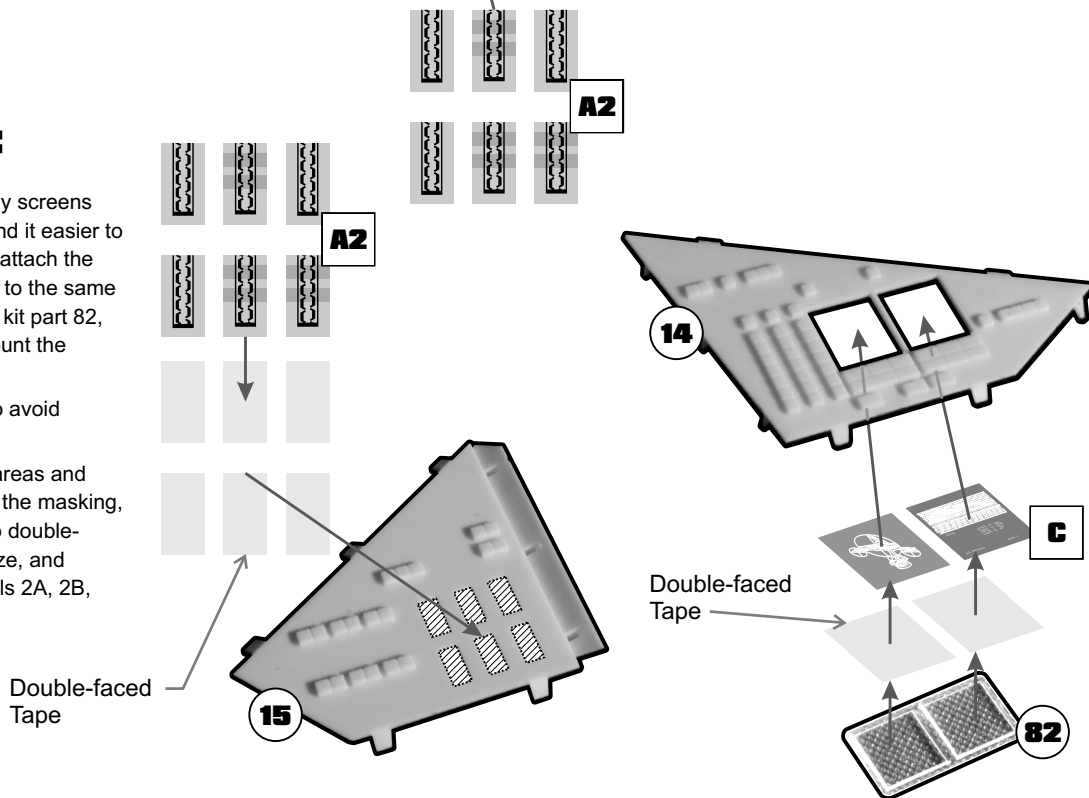


Option B, without photoetch

Cut out the desired display screens from section B. You will find it easier to cut them a bit large, then attach the adhesive. Now, trim them to the same size as the raised area of kit part 82, attach them to 82 and mount the assembly to kit part 14.

TIP: paint kit part 6 first to avoid masking.

Mask the scrolling scale areas and paint kit part 15. Remove the masking, mount desired parts A2 to double-faced adhesive, trim to size, and attach in place of kit decals 2A, 2B, 2C, 2D, 2E, and 2F.



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Many thanks to Moebius Models® for providing a preproduction copy of the EVA Pod kit so that we could develop this photoetch set.

Special thanks to Adam Johnson both for his 2001: The Lost Science books, which were a wealth of fantastic references, and for his help detailing items not covered in them.